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**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Rainer Perthold et al.

Examiner: Aslan Ettehadieh

Serial No.: 10/018,755

Art Group: 2637

Filing Date: April 30, 2002

Docket No.: 34420.00.0001

**Title: DEVICE AND METHOD FOR PREDISTORTING A TRANSMITTED SIGNAL  
TO BE TRANSMITTED VIA A NONLINEAR TRANSMISSION PATH**

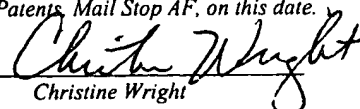
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Certificate of Electronic Submission

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

*I hereby certify that the this Amendment and Response is being  
forwarded via electronic submission to: Electronic Business  
Center, Commissioner of Patents, Mail Stop AF, on this date.*

6-5-06  
Date

  
Christine Wright

**AMENDMENT AND RESPONSE**

Sir:

In response to the Final Office Action mailed April 4, 2006, Applicants submit the following amendment and response.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 8 of this paper